CLAIMS

What is claimed as new and desired to be protected by Letters Patent of the United States is:

1. A computer-implemented method for allowing a user to configure automated device or application responses in a first building system and at least one enterprise application, comprising providing a process management software module and configuring it to communicate with said first building system and said enterprise application, configuring said process management software module to be accessible over the internet by end users, configuring said process management software module to allow users to configure automated building system and enterprise application response processes using input from said first building system and said enterprise application.

2. A method according to claim 1 wherein said first building system and said enterprise application were not installed together with an integrated control system.

3. A method according to claim 1 wherein said method allows a user to use data from enterprise applications as input for the control of a building system based on business requirements, and to revise the response features of building systems as business requirements change.

4. A computer readable medium having code configured to allow a user to integrate control, command and response functions between previously installed and un-integrated building systems and enterprise applications.

5. A computer readable medium according to claim 4, wherein said code allows the user to configure the activation or deactivation of one system function based on the data, alarm, event, or transaction from one or more other systems.

6. A method according to claim 1, wherein the process management software module can be configured to communicate with additional and replacement building systems and enterprise applications that are added to the building after the process

management software module is initially configured, without reconfiguring the entire control system.

7. A method according to claim 1, wherein the process management software module takes the data and control functions from a plurality of building systems and enterprise applications and allows a user to build his or her own intelligent building, and to edit the control processes on their own at any time.

8. A method according to claim 1 wherein the building systems and enterprise applications are selected from the group consisting of HVAC, fire control, access control, video monitoring, public address, exterior lighting and signage, interior public and private space lighting, escalator and elevator systems, telephone systems, room scheduling/reservation systems, resource management systems, data and information technology systems, document management systems, e-mail servers, fax servers, SMS servers, building tenant/visitor database systems, and customer relationship/management systems.

9. A method according to claim 1 wherein the responses of building systems and enterprise applications are process driven and the response process is editable by the user.

10. A method according to claim 9 wherein the user can add or delete steps to the response process using a process design interface.

11. A method according to claim 1 wherein a different process may be configured for every device in a building system.

12. A method according to claim 1 wherein a first user may configure a first building system to respond in a first user's tenant space to a first event according to a first process and a second user may configure said first building system to respond in a second user's tenant space to said first event according to a second process.

13. A method according to claim 1 wherein the process management software module receives input from both value-oriented systems and transaction-oriented systems.

14. A method according to claim 1 wherein an end user may configure and customize building system response systems using input from both value-oriented and transaction-oriented systems.

15. A method according to claim 1 wherein the process management software module receives input from both building systems and enterprise applications.

16. A method according to claim 1 wherein the process management software module issues commands to building systems and enterprise applications.

CLAIMS

1. A computer-implemented method for allowing a user to configure automated device or application responses in a first building system and at least one enterprise application, comprising providing a process management software module and configuring it to communicate with said first building system and said enterprise application, configuring said process management software module to be accessible over the internet by end users, configuring said process management software module to allow users to configure automated building system and enterprise application response processes using input from said first building system and said enterprise application.

2. A computer-implemented method for allowing a user to configure automated device or application responses in a first building system and at least one enterprise application, comprising providing a process management software module and configuring it to communicate with said first building system and said enterprise application, configuring said process management software module to be accessible over the internet by end users, configuring said process management software module to allow users to configure automated building system and enterprise application response processes using input from said first building system and said enterprise application,wherein said first building system and said enterprise application were not installed together with an integrated control system.

3. A computer-implemented method for allowing a user to configure automated device or application responses in a first building system and at least one enterprise application, comprising providing a process management software module and configuring it to communicate with said first building system and said enterprise application, configuring said process management software module to be accessible over the internet by end users, configuring said process management software module to allow users to configure automated building system and enterprise application response processes using input from said first building system and said enterprise application, wherein said method allows a user to use data from enterprise applications as input for the control of a building system based on business requirements, and to revise the response features of building systems as business requirements change.

4. A computer readable medium having code configured to allow a user to integrate control, command and response functions between previously installed and un-integrated building systems and enterprise applications wherein said code allows the user to configure the activation or deactivation of one system function based on the data, alarm, event, or transaction from one or more other systems.

5. A computer-implemented method for allowing a user to configure automated device or application responses in a first building system and at least one enterprise application, comprising providing a process management software module and configuring it to communicate with said first building system and said enterprise application, configuring said process management software module to be accessible over the internet by end users, configuring said process management software module to allow users to configure automated building system and enterprise application response processes using input from said first building system and said enterprise application, wherein the process management software module can be configured to communicate with additional and replacement building systems and enterprise applications that are added to the building after the process management software module is initially configured, without reconfiguring the entire control system.

6. A computer-implemented method for allowing a user to configure automated device or application responses in a first building system and at least one enterprise application, comprising providing a process management software module and configuring it to communicate with said first building system and said enterprise application, configuring said process management software module to be accessible over the internet by end users, configuring said process management software module to allow users to configure automated building system and enterprise application response processes using input from said first building system and said enterprise application, wherein the process management software module takes the data and control functions from a plurality of building systems and enterprise applications and allows a user to build his or her own intelligent building, and to edit the control processes on their own at any time.

7. A computer-implemented method for allowing a user to configure automated device or application responses in a first building system and at least one enterprise application, comprising providing a process management software module and configuring it to communicate with said first building system and said enterprise application, configuring said process management software module to be accessible over the internet by end users, configuring said process management software module to allow users to configure automated building system and enterprise application response processes using input from said first building system and said enterprise application, wherein the building systems and enterprise applications are selected from the group consisting of HVAC, fire control, access control, video monitoring, public address, exterior lighting and signage, interior public and private space lighting, escalator and elevator systems, telephone systems, room scheduling/reservation systems, resource management systems, data and information technology systems, document management systems, e-mail servers, fax servers, SMS servers, building tenant/visitor database systems, and customer relationship/management systems.

8. A computer-implemented method for allowing a user to configure automated device or application responses in a first building system and at least one enterprise application, comprising providing a process management software module and configuring it to communicate with said first building system and said enterprise application, configuring said process management software module to be accessible over the internet by end users, configuring said process management software module to allow users to configure automated building system and enterprise application response processes using input from said first building system and said enterprise application, wherein the responses of building systems and enterprise applications are process driven and the response process is editable by the user.

9. A method according to claim 8 wherein the user can add or delete steps to the response process using a process design interface.

10. A computer-implemented method for allowing a user to configure automated device or application responses in a first building system and at least one enterprise application, comprising providing a process management software module and configuring it to communicate with said first building system and said enterprise application, configuring said process management software module to be accessible over the internet by end users, configuring said process management software module to allow users to configure automated building system and enterprise application response processes using input from said first building system and said enterprise application, wherein a different process may be configured for every device in a building system.

11. A computer-implemented method for allowing a user to configure automated device or application responses in a first building system and at least one enterprise application, comprising providing a process management software module and configuring it to communicate with said first building system and said enterprise application, configuring said process management software module to be accessible over the internet by end users, configuring said process management software module to allow users to configure automated building system and enterprise application response processes using input from said first building system and said enterprise application, wherein a first user may configure a first building system to respond in a first user's tenant space to a first event according to a first process and a second user may configure said first building system to respond in a second user's tenant space to said first event according to a second process.

12. A computer-implemented method for allowing a user to configure automated device or application responses in a first building system and at least one enterprise application, comprising providing a process management software module and configuring it to communicate with said first building system and said enterprise application, configuring said process management software module to be accessible over the internet by end users, configuring said process management software module to allow users to configure automated building system and enterprise application response processes using input from said first building system and said enterprise application, wherein the process management software module receives input from both value-oriented systems and transaction-oriented systems.

13. A computer-implemented method for allowing a user to configure automated device or application responses in a first building system and at least one enterprise application, comprising providing a process management software module and configuring it to communicate with said first building system and said enterprise application, configuring said process management software module to be accessible over the internet by end users, configuring said process management software module to allow users to configure automated building system and enterprise application response processes using input from said first building system and said enterprise application, wherein an end user may configure and customize building system response systems using input from both value-oriented and transaction-oriented systems.

14. A computer-implemented method for allowing a user to configure automated device or application responses in a first building system and at least one enterprise application, comprising providing a process management software module and configuring it to communicate with said first building system and said enterprise application, configuring said process management software module to be accessible over the internet by end users, configuring said process management software module to allow users to configure automated building system and enterprise application response processes using input from said first building system and said enterprise application, wherein the process management software module receives input from both building systems and enterprise applications.

15. A computer-implemented method for allowing a user to configure automated device or application responses in a first building system and at least one enterprise application, comprising providing a process management software module and configuring it to communicate with said first building system and said enterprise application, configuring said process management software module to be accessible over the internet by end users, configuring said process management software module to allow users to configure automated building system and enterprise application response processes using input from said first building system and said enterprise application, wherein the process management software module issues commands to building systems and enterprise applications.